

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000869

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21G 1/00, D21H 19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21G, D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## EPO INTERNAL, WPI DATA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6413371 B1 (PASI AHONEN ET AL), 2 July 2002 (02.07.2002), column 2, line 37 - line 45; column 3, line 53 - column 4, line 3 --	1-15
Y	US 6164198 A (PETTER HONKALAMPI ET AL), 26 December 2000 (26.12.2000), column 1, line 13 - line 19; column 2, line 25 - line 32 --	1-15
A	WO 0238858 A2 (METSO PAPER, INC.), 16 May 2002 (16.05.2002), page 2, line 5 - line 9; page 5, line 1 - line 9; page 12, line 21 - line 23 -- -----	1-15

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

12 February 2004

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17-02-2004

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

24/12/2003

International application No.

PCT/FI 2003/000869

US	6413371	B1	02/07/2002	AU	4618499	A	30/12/1999
				EP	1086272	A	28/03/2001
				FI	981331	A	11/12/1999
				WO	9964672	A	16/12/1999

US	6164198	A	26/12/2000	AT	3330	U	25/01/2000
				DE	29902451	U	27/05/1999
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				SE	9804346	D	00/00/0000
				US	6158334	A	12/12/2000
				US	6158335	A	12/12/2000
				US	6213009	B	10/04/2001
				US	2001017084	A	30/08/2001

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				EP	1337705	A	27/08/2003